AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listing of claims in the application:

LISTING OF CLAIMS:

1. (Currently amended) A device for measuring an electrocardiogram with tapeless format comprising:

a shell having opposing top and bottom surfaces, the shell being shaped as a thin and long cube and having at least one operating panel on the top surface;

~~at least~~ two gelless electrodes for detecting electrocardiogram signals, each of the gelless electrodes having ~~with~~ a thin foil shape slightly embedded and fixed in the operating panel in laterally spaced relationship, ~~and~~ each of the two gelless electrodes extending ~~from~~ along the upper surface ~~through at least~~ and passing over one edge of the shell to the bottom surface of the shell opposite to the operating panel, each of the gelless electrodes having protruding surface portions disposed on the upper surface and the bottom surface adjacent the one edge to form gripping surfaces for grasping by a root area between a user's fingers;

at least one information display located on the operating panel to display a plurality of measured values; and

a calculation system disposed in the shell and connected to the two gelless electrodes and the information display for calculating ~~relative~~ electrical

information ~~measured from~~ sensed by the gelless electrodes and displaying results on the information display.

2. (Previously Presented) The device for measuring an electrocardiogram with tapeless format as recited in claim 1, wherein the operating panel has at least one button to set and transfer functions.

3. (Cancelled).

4. (Currently Amended) The device for measuring an electrocardiogram with tapeless format as recited in claim 1, wherein each of the gelless electrodes is made of a conductive metal or rubber.

5. (Previously Presented) The device for measuring an electrocardiogram with tapeless format as recited in claim 1, wherein information values shown on the information display include at least values of ST segment, QRS interval and heart-beat rate.

6. (Currently amended) The device for measuring an electrocardiogram with tapeless format as recited in claim 1, wherein the calculation system further comprises:

a pre-signal amplify circuit coupled to the two gelless electrodes;

an electrocardio signal amplify/filter circuit coupled to the pre-signal amplify circuit;

an analog/digital ~~transfer~~ converter circuit coupled to the electrocardio signal amplify/filter circuit; and

a CPU coupled to the electrocardio signal amplify/filter circuit, the analog/digital converter circuit, and the information display;

wherein the pre-signal amplify circuit ~~is connected to the gelless electrodes to~~ receives the electrocardiogram signals ~~relative electrical data~~, and the calculation system continuously displays results on the information display after calculating ~~the~~ electrical data from the electrocardiogram signals by means of the electrocardio signal amplify/filter circuit and the analog/digital ~~transfer~~ converter circuit and the CPU.

7. - 12. (Cancelled).

13. (Currently amended) A device for measuring an electrocardiogram with tapeless format comprising:

a shell having opposing top and bottom surfaces, the shell being shaped as a thin and long cube and having at least one operating panel on the top surface;

~~at least~~ two first gelless electrodes slightly embedded and respectively fixed in the ~~same~~ top surface of the shell and laterally spaced one from the other for detecting electrocardiogram signals, one gelless electrode of the two first gelless electrodes being disposed on opposing sides of the operating panel;

at least one information display located on the operating panel to display [[a]] measured values; and

a calculation system disposed in the shell and connected to the two pairs of gelless electrodes and the information display for calculating ~~relative~~ electrical information ~~measured from~~ sensed by the gelless electrodes and displaying results on the information display.

14. (Previously Presented) The device for measuring an electrocardiogram with tapeless format as recited in claim 13, wherein the operating panel has at least one button to set and transfer functions.

15. (Previously Presented) The device for measuring an electrocardiogram with tapeless format as recited in claim 13, wherein the gelless electrodes are made of a conductive metal.

16. (Previously Presented) The device for measuring an electrocardiogram with tapeless format as recited in claim 13, wherein the gelless electrodes are made of conductive rubber.

17. (Previously Presented) The device for measuring an electrocardiogram with tapeless format as recited in claim 13, wherein information values shown on the information display include at least values of ST segment, QRS interval and heart-beat rate.

18. (Currently amended) The device for measuring an electrocardiogram with tapeless format as recited in claim 13, wherein the calculation system further comprises:

a pre-signal amplify circuit coupled to the first gelless electrodes;

an electrocardio signal amplify/filter circuit coupled to the pre-signal amplify circuit;

an analog/digital ~~transfer~~ converter circuit coupled to the electrocardio signal amplify/filter circuit; and

a CPU coupled to the electrocardio signal amplify/filter circuit, the analog/digital converter circuit, and the information display;

wherein the pre-signal amplify circuit ~~is connected to the gelless electrodes to~~ receives the electrocardiogram signals ~~relative electrical data~~, and the

calculation system continuously displays results on the information display after calculating ~~the~~ electrical data from the electrocardiogram signals by means of the electrocardio signal amplify/filter circuit and the analog/digital ~~transfer~~ converter circuit and the CPU.

19. - 20. (Cancelled).

21. (Currently amended) The device for measuring an electrocardiogram with tapeless format as recited in claim 13, further comprising a cover displaceably coupled to the shell for covering the operating panel.

22. (Currently amended) The device for measuring an electrocardiogram with tapeless format as recited in claim 13, further comprising ~~another~~ two second gelless electrodes ~~slightly embedded and fixed on a bottom surface opposite to the operation panel~~ respectively fixed in the bottom surface of the shell and laterally spaced one from the other for detecting electrocardiogram signals.